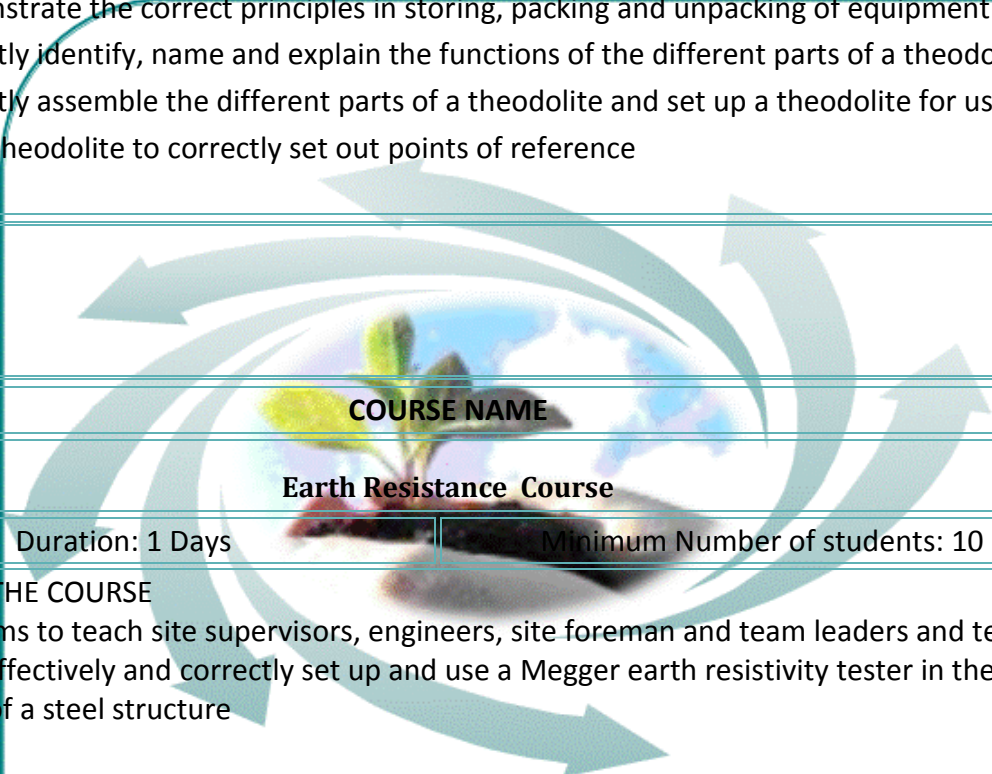
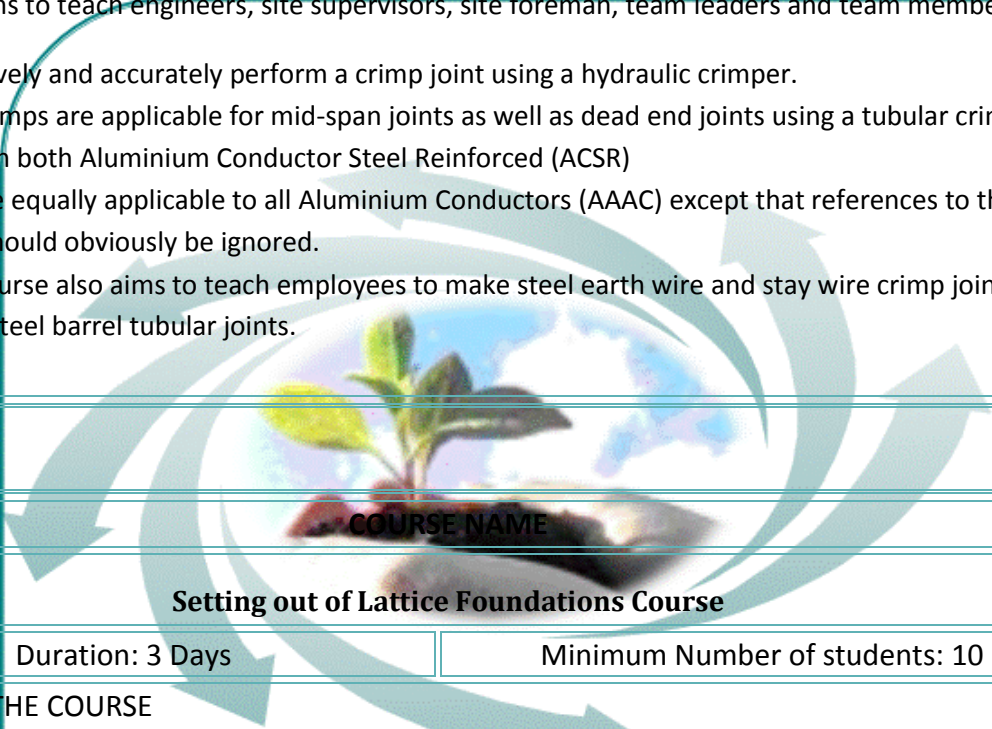


NON-UNIT STANDARD COURSES

COURSE NAME	
DCP Testing Course	
Duration: 1 Days	Minimum Number of students: 10
PURPOSE OF THE COURSE This course aims to teach engineers, site supervisors, site foreman, team leaders and team members to effectively and accurately perform a Dynamic Cone Penetration Test.	
LEARNING OBJECTIVES / DESIRABLE OUTCOMES • Correctly assemble Dynamic Cone Penetrometer. • Correctly identify the correct site as indicated by engineer. • Correctly and accurately perform dynamic cone penetration test. • Correctly and accurately record penetration data.	
COURSE NAME	
Soil Identification and Nomination Course	
Duration: 2 Days	Minimum Number of students: 10
PURPOSE OF THE COURSE The course aims to teach learners (Site Supervisors / Site Managers/ Site Foremen and team leaders) to do an appropriate on-site analysis, classification and nomination of soil types on any specific site for the various structure types to be erected	
LEARNING OBJECTIVES / DESIRABLE OUTCOMES • To help clarify roles and responsibilities of various role players. • To enable learners to understand the soil nomination procedure as prescribed by the company. • To enable the learner to visually recognize the various soil types. • To enable the learner to define the various soil types • To teach the learner how to complete the Soil Survey Quality Forms supplied by the company	

COURSE NAME	
Theodolite Training Course	
Duration: 2 Days	Minimum Number of students: 10
PURPOSE OF THE COURSE This course aims to teach site supervisors, engineers, site foreman and team leaders and team members to effectively and correctly set up and use a theodolite in the construction of a lattice structure	
LEARNING OBJECTIVES / DESIRABLE OUTCOMES • Demonstrate the correct principles in storing, packing and unpacking of equipment • Correctly identify, name and explain the functions of the different parts of a theodolite. • Correctly assemble the different parts of a theodolite and set up a theodolite for use. • Use a theodolite to correctly set out points of reference	
	
COURSE NAME	
Earth Resistance Course	
Duration: 1 Days	Minimum Number of students: 10
PURPOSE OF THE COURSE This course aims to teach site supervisors, engineers, site foreman and team leaders and team members to effectively and correctly set up and use a Megger earth resistivity tester in the construction of a steel structure	
LEARNING OBJECTIVES / DESIRABLE OUTCOMES To teach persons responsible for using the earth resistance measuring equipment to: • Understand the working of the equipment • Identify the different parts and their use • The correct method of setting up the equipment for use • Take, record and report correct readings, according to the company procedure	

COURSE NAME	
Tubular Crimp Jointing Course	
Duration: 1 Days	Minimum Number of students: 10
PURPOSE OF THE COURSE This course aims to teach site supervisors, engineers, site foreman and team leaders and team members to effectively and correctly conduct crimp jointing in the construction of overhead power lines	
LEARNING OBJECTIVES / DESIRABLE OUTCOMES This course aims to teach engineers, site supervisors, site foreman, team leaders and team members to: - Effectively and accurately perform a crimp joint using a hydraulic crimper. - The crimps are applicable for mid-span joints as well as dead end joints using a tubular crimp joint on both Aluminium Conductor Steel Reinforced (ACSR) - but are equally applicable to all Aluminium Conductors (AAAC) except that references to the steel core should obviously be ignored. - The course also aims to teach employees to make steel earth wire and stay wire crimp joints using steel barrel tubular joints.	
	
COURSE NAME	
Setting out of Lattice Foundations Course	
Duration: 3 Days	Minimum Number of students: 10
PURPOSE OF THE COURSE This course aims to teach site supervisors, engineers, site foreman and team leaders to effectively and correctly set out the excavation co-ordinates for Lattice structure foundations and stay structure foundations.	
LEARNING OBJECTIVES / DESIRABLE OUTCOMES - Correctly identify the correct site. - Correctly and accurately identify, mark out position and place indicator pegs. - Correctly and accurately mark out excavation. - Safely secure the excavation site. - Determine the suitability of excavated soil for backfilling purpose. - Ensure that excavation is done to correct length, width and depth.	

COURSE NAME	
Hydraulic Stay Testing Course	
Duration: 1 Days	Minimum Number of students: 10
PURPOSE OF THE COURSE This course aims to teach site supervisors, engineers, site foreman and team leaders and team members to effectively and correctly conduct Stay testing on planted stays in the construction of overhead power lines	
LEARNING OBJECTIVES / DESIRABLE OUTCOMES • Understand the working of the equipment • Identify the different parts and their use • The correct method of setting up the equipment for use • Take, record and report correct readings, according to the company procedure	
COURSE NAME	
SF6 Gassing of Circuit Breakers Course	
Duration: 1 Days	Minimum Number of students: 10
PURPOSE OF THE COURSE This course aims to teach site supervisors, engineers, site foreman and team leaders and team members to effectively and correctly fill a circuit breaker with SF6 Gas in the construction of a substation.	
LEARNING OBJECTIVES / DESIRABLE OUTCOMES • At the end of the course the learners should have sufficient knowledge of filling Circuit Breakers with SF6 gas • Learner should be able to determine the gas status of the breakers before filling • Learners should be able to properly connect SF6 Gas cylinder to breaker poles • Learners should be able to properly connect inter-phase piping between breaker poles and pressure switch	